

# CAL POLY Report

California Polytechnic State University  
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## DATELINE

### Thursday, December 10

**Speaker:** Susan Elrod (Biological Sciences), "Biochemical Pathway Engineering of Heme Biosynthesis in the Fungus *Aspergillus Oryzae*," Fisher Science 285, 11 am.

### Saturday, December 12

**Commencement:** Colleges of Business, Engineering, and Science and Mathematics and the UCTE, 9:30 am; Agriculture, Architecture and Environmental Design, and Liberal Arts, 1:30 pm, Rec Center.

**Women's Basketball:** Fresno Pacific, Mott Gym, 6 pm. (\$)

### Sunday, December 13

**Academic Holiday:** Quarter break. Through Sunday, Jan. 3

### Tuesday, December 15

**Men's Basketball:** Southern U., Mott Gym, 7 pm. (\$)

### Thursday, December 17

**Men's Basketball:** Eastern Washington, Mott Gym, 7 pm. (\$)

### Saturday, December 19

**Women's Basketball:** Cal State-Northridge, Mott Gym, 7 pm. (\$)

### Thursday, December 24

**Holiday:** Christmas observed. Through Sunday, Dec. 27.

### Thursday, December 31

**Holiday:** New Year's Day observed. Through Sunday, Jan. 3.

### Saturday, January 2

**Men's Basketball:** UNLV, Mott Gym, 7 pm. (\$)

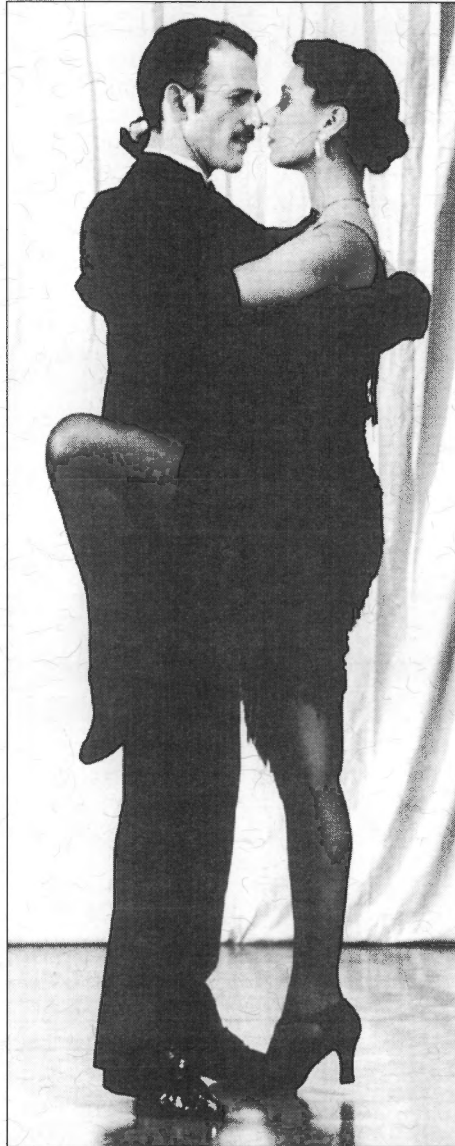
### Monday, January 4

Winter quarter classes begin.

### Thursday, January 7

**Physics Colloquim:** Chance Hoelwarth, "A Comparison of Studio and Traditional Classrooms," Science E-45, 11 am.

**Men's Basketball:** Boise State, Mott Gym, 7 pm. (\$)



*Tango Buenos Aires will perform Monday, Jan. 11, at the Performing Arts Center. Please see program details on page 3.*

## Web address corrected for Rachel Newhouse info

The Nov. 25 *Cal Poly Report* listed an incorrect Web address for information about Rachel Newhouse, the nutritional science junior who disappeared Nov. 12.

The correct address is [www.sas.calpoly.edu/rachel](http://www.sas.calpoly.edu/rachel). □

## Programming team to compete in Netherlands

After finishing second in the Southern California regional competition of the 1998-99 Association for Computing Machinery International Collegiate Programming Contest, Cal Poly's Gold programming team will travel to Eindhoven, the Netherlands, for the World Finals in April 1999.

Team members who will compete are computer science graduate student Bob Mathews, computer science major Vania Maldonado, and physics major Ray B. Lee. The team's coach is staff member and alumna Kathleen Luce.

Cal Poly's team beat such schools as Cal Tech, UCLA, UC Irvine, and UCSB to become one of only 54 teams to qualify out of 1,500 that compete in regional contests, said Luce, an operating systems analyst in the Information Technology Services department.

Students from Harvey Mudd College placed first.

"It's particularly exciting for me," Luce said, "because I was a student – and the first woman – on the only other team" (Continued on page 2)

## ADVANCEMENT

### ME Lab gets HP donation

The Mechanical Engineering Department's mechatronics program has a new home, thanks to a \$500,000 equipment donation from Hewlett-Packard.

The new HP Mechatronics Lab in the Engineering Building houses such state-of-the-art equipment as programmable power supplies, oscilloscopes, logic analyzers, computer systems, and printers.

The lab enables mainly students from mechanical engineering and some from computer science, computer engineering, and electrical engineering to acquire the latest mechatronics knowledge and hands-on skills.

Mechatronics is an interdisciplinary field responsible for designing and developing "smart" products and systems. □

## 'Lighting Night Walk' set

Ed Johnson, campus energy and utilities coordinator, will conduct the annual "campus lighting night walk" – a walk through campus to review lighting – on Thursday, Dec. 10.

Participants should meet in front of the Facility Services Building (Building 70, formerly the Plant Operations and Receiving Warehouse) at 6 pm.

For details, call Johnson at ext. 6-5227. □

## Elrod to speak on biotech research

Biological sciences professor Susan Elrod will talk at 11 am Thursday, Dec. 10, about postdoctoral research she conducted at a biotech company.

Her presentation, "Biochemical Pathway Engineering of Heme Biosynthesis in the Fungus *Aspergillus Oryzae*," will be in Fisher Science 285.

The Biological Sciences Department is hosting a reception after the talk. □

## Fruit, trees, wood on sale

Seedless Satsuma mandarin oranges, fruit trees, and firewood will be sold during the Crop Science Department's "U-pick" Saturdays from 10 am to 1 pm Dec. 12 and 19. To reach the orchard, take Highland Drive and watch for signs.

For more information, call Crop Science at ext. 6-1237. □

## ... Programming

(Continued from page 1)

Cal Poly has sent to the internationals, in 1994. I'm proud that we're sending a second woman, Vania, because female participation in the contests is less than 5 percent."

The competition, sponsored by IBM, fosters creativity, teamwork and innovation in building new software programs.

"Six problems, five hours, one computer," Mathews said. "Students race against the clock in a battle of logic, strategy and mental endurance. The team that solves the most problems in the fewest attempts and the shortest period of time is declared the winner."

The Cal Poly Gold team finished all six problems in four hours with no penalties.

A second group of Cal Poly competitors, the Green team, solved two problems and came in 12th. □

## Hispanic Outlook names Cal Poly 'Publisher's Pick'

The Hispanic Outlook in Higher Education has included Cal Poly in its 1998 "Publisher's Picks," a list of colleges and universities nationwide that offer outstanding opportunities to Hispanic students.

Cal Poly was rated fourth in California, behind Azusa Pacific University, Bakersfield College and California Lutheran University. In all, almost 100 state institutions were listed.

Publisher's Picks started in 1995. According to the magazine's Nov. 20 edition, Hispanic Outlook compiles the list after consulting formal and informal information sources, including surveys completed by the institutions, information reflected in their catalogs and literature, statistics compiled by the U.S. government, and anecdotal evidence garnered from students, faculty, administrators, and advocates of education and of Hispanic achievement.

In 1995, 1997 and 1998, Hispanic Outlook rated Cal Poly among the top universities in the country in the number of bachelor's degrees awarded to Hispanics. □

## Campus wireless phones to be replaced next week

The campus's wireless mobile phone system (known as the PCS system), including the phones themselves, will be completely replaced between Dec. 13 and 22, and the system will be out of service during that time.

The approximately 125 employees who have the mobile phones should have already received an e-mail message detailing the procedures for the conversion. They will need to turn in their handsets – not the charging units or accessories – by Dec. 15. Users should take the handsets to the Education Building, Room 5, or Chase Hall, Room 114, or call Telephone Administration at ext. 6-2671 to arrange for pickup.

Users should write down critical names and numbers in the unit's stored memory. Information in stored memory can't be transferred between handsets.

They also need to tell Telephone Administration where the new handset should be delivered.

The entire upgrade notification is at <http://www.teladmin.calpoly.edu/PCSupgrade.html>. There is also a link from the ITS System Status Web page, <http://systemstatus.calpoly.edu>. □

## Nominations sought for student employee award

Faculty and staff members can show their appreciation for student assistants by nominating them for the university's 1998-99 Outstanding Student Employee of the Year award.

Each year, the National Student Employment Association invites campuses nationwide to recognize student employees.

Eligible students include state, ASI and Foundation employees who have worked – or expect to work – part time for at least six months of the 1998-99 academic year. Nominees can be Federal Work-Study and non-work-study students.

For a nomination form, contact Luann McDonald in the Financial Aid office, ext. 6-5885 or [lmcdonal@calpoly.edu](mailto:lmcdonal@calpoly.edu), or Joan Ganous, Career Services, ext. 6-5970 or [jganous@calpoly.edu](mailto:jganous@calpoly.edu). Forms are due to McDonald by Feb. 1. □

## Nominations sought for four scholarships

The Status of Women Committee is seeking nominations for four scholarships, all designed to recognize students who have demonstrated a commitment to the rights of women.

- The **L. Diane Ryan Scholarship** is given to a student who has been identified as having the potential to provide moral leadership in the work force of the future.

- The **James M. Duenow Scholarship** is targeted for an individual considering a career as a feminist attorney.

- The **Robert S. Harmon Scholarship** is for a student considering a career as an investigative reporter.

- The **Dr. Shirley H. Walker Scholarship** is given to a student of academic excellence (minimum overall GPA: 3.0) who has been identified as having the potential to provide leadership.

Only nominations submitted by faculty and staff members will be considered. Eligible students must be enrolled through fall 1999 because the awards will be disbursed that quarter.

Nominations, due Jan. 22, should include the student's name and an explanation of why the student is being nominated. Send nominations to Carolyn Stefanco, History Department.

For more information, call Stefanco at ext. 6-2670. □






# Season's Greetings!



Best wishes  
from your colleagues  
in the Communications Office!



## Deck the halls

Don't forget that the Natural Resources Management Department and Cal Poly's Logging Sports Team are selling Christmas trees through Tuesday, Dec. 22.

"You-cut" Monterey pines and pre-cut firs are available.

The farm, located on Stenner Creek Road just off Highway 1, is open from 3 to 7 pm weekdays and 9 am to 7 pm weekends. For more information, call the NRM Department at ext. 6-2702. □

## Your views welcome for 'Piece Of Mind'

"Piece of Mind" is a *Cal Poly Report* column that features your letters about campus issues.

Questions, explanations, compliments, complaints – we want them all.

Please keep them brief, but keep them coming. Include your name, department, and phone number.

Mail your 'Piece of Mind' column to the Communications Office, Heron Hall; fax it to 6-6533; or e-mail it to [polynews@polymail](mailto:polynews@polymail).

For more information, call the Communication Office at ext. 6-1511. □

## Tango Buenos Aires to perform Jan. 11

Tango Buenos Aires, known for its fluid, sensual and emotionally charged music and dance, will make an appearance at the Performing Arts Center Monday, Jan. 11, as part of its first coast-to-coast U.S. tour.

Cal Poly dance professor Moon Ja Minn Suhr will give a pre-concert lecture at 7 pm in Philips Hall in the Performing Arts Center.

The universally acclaimed company of 22 dancers and musicians will perform a program of 20 diverse dances designed to bring the classic Argentine tango to life. The program traces the history of the tango, from its beginnings in Buenos Aires at the start of the 20th century as a dance between men, to its present status as a sophisticated art form danced by both sexes.

Tickets to this Cal Poly Arts concert are \$18.50 to \$34 and can be bought at the Performing Arts Ticket Office. □



## Position vacancies

Vacancy information and applications for the following positions are available from the appropriate Human Resources office. Information can also be accessed from the Cal Poly home page on the World Wide Web. The address is [www.calpoly.edu](http://www.calpoly.edu) (click on "General Information").

**STATE** (Adm. 110, ext. 6-2236 or job line at ext. 6-1533). Official application forms must be received by 4 pm on the closing date or be postmarked by the closing date. (No faxes.)

No positions posted at this time.

**FACULTY** (Adm. 312, ext. 6-2844)

Candidates interested in faculty positions are asked to contact the appropriate department office at the phone number listed for more information and an application. Please submit all application materials to the department head/chair unless otherwise specified. Rank and salary are commensurate with qualifications and experience, and timebase where applicable, unless otherwise stated.

**#93040: Tenure-Track Position, Biological Sciences Department** (756-2788). Assistant professor level, starting September 1999. Successful candidate will teach general microbiology and courses in his/her area of expertise. Candidates with experience in molecular methods and parasitology, host-parasite interactions, or immunology will be given preference. Duties will include student advising and directing students in undergraduate and graduate (M.S. level) research. Successful candidate will be expected to pursue an active and productive professional development program. Applicant must have a Ph.D. at time of hiring and a strong commitment to teaching. For application, send letter of interest and curriculum vitae to V. L. Holland, chair, Biological Sciences Department. Closing date: Feb. 15.

**#93042: Tenure-Track Assistant/Associate Professor(s), Industrial Technology Area, College Of Business** (756-2676). Two positions available September 1999. Doctorate required in industrial technology or related business field such as production/operations management and management of technology. Five years of combined industrial experience and/or

full-time teaching at the university level preferred. Send C.V., official Cal Poly application, three letters of reference and official transcripts of highest degree earned referencing Rec. Code #93042 to Fred Abitia, area coordinator, Industrial Technology. Closing date: Jan. 15.

**#93043: Lecturers (Full-Time), Landscape Architecture Department** (756-1319). Two full-time leave replacements for all or part of the 1999-2000 academic year beginning 9/13/99 (salary range \$36,000 to \$46,000 for a full academic year). Applicants must have a master's degree with at least one degree in landscape architecture, and teaching/practice experience. Applicants should identify and submit evidence of expertise in at least two of the following subject areas in which they are especially qualified to teach: a) fundamentals of design; b) professional practice; c) landscape architecture history; d) landscape architecture project design; e) computer applications; f) site construction; g) site analysis. Apply to Search Committee, Landscape Architecture Department. Closing date: Feb. 1.

**FOUNDATION** (Foundation Adm. Building, job line at ext. 6-7107). All Foundation applications must be received (not just postmarked) by 5 pm of the closing date. (No faxes.)

No positions posted at this time.

**ASSOCIATED STUDENTS INC.** is accepting applications for the following position(s). Complete position descriptions and applications are available at the ASI Business Office, University Union, Room 212, M-F, 8 am - 5 pm, ext. 6-1281. All applications must be received by 5 pm of the listed closing date. AA/ED.

No positions posted at this time. □

## Retirement reception for Gilbert Keas planned

A retirement reception for Gilbert Keas, instructional support assistant in the Computer Science Department for more than 14 years, is planned from 2 to 4 pm Monday, Dec. 14, in the front lobby of the Engineering East Faculty Offices Building. □

## Marketing prof Rogers named Fulbright scholar

Marketing professor John C. Rogers has been selected a 1998-99 American Fulbright Scholar and is lecturing on marketing research at the Kossuth Lajos University in Debrecen, Hungary.

His assignment began in September 1998 and runs until June 1999. □

## Italian scholar to study vines, soil at Cal Poly

A research technician from the University of Siena in Italy has been selected as a Visiting Fulbright Scholar and will conduct research at Cal Poly from April through December 1999.

Fabrizio Monaci, a member of the Department of Environmental Biology at the Siena campus, will be studying "Trace Element Availability to Grapevines: A Study of Plant-Soil Relationships." □

## Ticket information

Tickets to the performances listed in today's *Cal Poly Report* are on sale at the Performing Arts Ticket Office from 10 am to 6 pm weekdays and from 10 am to 4 pm Saturdays. Call 6-ARTS (ext. 6-2787), or to order by fax, dial ext. 6-6088.

Information on Cal Poly Arts events, including audio and video samples of artists' work, can be found on the WWW at [www.calpoly.arts.org](http://www.calpoly.arts.org). □

## CPR Schedule

This is the final fall quarter edition of the *Cal Poly Report*.

The first winter quarter *Report* will be Jan. 6. Because of the New Year holiday, the deadline for the Jan. 6 issue is 10 am Tuesday, Dec. 29.

The *Cal Poly Report* is published every week during the regular academic year by the Communications Office.

Send items via e-mail to [polynews@polymail](mailto:polynews@polymail), fax them to ext. 6-6533, or mail them to the Communications Office, Room 208, Heron Hall.

For more information, call the Communications Office at ext. 6-1511. □